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## Economic Commission for Europe

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations**

**176th session**
Geneva, 13-16 November 2018
Item 4.9.2 of the provisional agenda
**1958 Agreement:**
**Consideration of draft amendments**
**to existing UN Regulations submitted by GRPE**

# Proposal for Supplement 2 to the 03 series of amendments to UN Regulation No. 83 (Emissions of $M_1$ and $N_1$ vehicles)

**Submitted by the Working Party on Pollution and Energy***

The text reproduced below was adopted by the Working Party on Pollution and Energy (GRPE) at its seventy-sixth session (ECE/TRANS/WP.29/GRPE/77, para. 12). It is based on ECE/TRANS/WP.29/GRPE/2018/18 as amended by Annex VII to the report. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration at their November 2018 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21, Cluster 3.1), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

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# Supplement 2 to the 03 series of amendments to UN Regulation No. 83 (Emissions of $M_1$ and $N_1$ vehicles)

*Annex 4*

*Appendix 5, paragraph 2.3.3.2.*, amend to read:

"2.3.3.2. A temperature sensor shall be installed immediately before the volume measuring device. This temperature sensor shall have an accuracy and a precision of ± 1 °C and a response time of 1.0 second or less at 62 per cent of a given temperature variation (value measured in water or silicone oil)."